

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S43	1368	347/54.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:04
S44	1368	S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:09
S45	977	347/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:04
S46	977	S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:09
S47	403	347/61.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:05
S48	403	S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:06
S49	405	347/62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:06
S50	405	S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:06

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S51	856	S46 not silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:09
S53	702	S44 not silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:10
S54	0	S44 and silvebrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:10
S56	977	347/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:04
S57	977	S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:17
S58	121	S57 and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:13
S59	43	(heater resistor (heater adj element)) same suspend\$3 near (ink fluid liquid) adj chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:28
S60	13726	(substrate wafer chip die base (support adj member)) same (nozzle orifice) near (plate layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:27

## EAST Search History

S61	38	S59 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:16
S62	1368	347/54.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:17
S63	1368	S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:17
S64	403	347/61.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:18
S65	403	S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:18
S66	405	347/62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:18
S67	405	S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:18
S68	6	S57 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:19

## EAST Search History

S69	2	S59 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:20
S70	6	S59 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:20
S71	4	S59 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:20
S72	1	suspended near beam near (heater resistor (heater adj element)) same (ink fluid liquid) near (chamber channel path passage passageway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:21
S73	239	(heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:37
S74	19	S57 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:23
S75	29	S62 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:24
S76	12	S65 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:25

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S77	13	S67 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:25
S78	2	(heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway) same parallel same (substrate wafer base chip die (support adj member)) same (nozzle orifice) near plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:26
S79	0	S57 and (heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway) same parallel same (substrate wafer base chip die (support adj member)) same (nozzle orifice) near plate.clm.	US-PGPUB	OR	ON	2007/09/27 23:27
S80	0	S62 and (heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway) same parallel same (substrate wafer base chip die (support adj member)) same (nozzle orifice) near plate.clm.	US-PGPUB	OR	ON	2007/09/27 23:27
S81	0	S65 and (heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway) same parallel same (substrate wafer base chip die (support adj member)) same (nozzle orifice) near plate.clm.	US-PGPUB	OR	ON	2007/09/27 23:27
S82	0	S67 and (heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway) same parallel same (substrate wafer base chip die (support adj member)) same (nozzle orifice) near plate.clm.	US-PGPUB	OR	ON	2007/09/27 23:27
S83	0	(substrate wafer chip die base (support adj member)) same (nozzle orifice) near (plate layer) same (heater resistor (heater adj element)) same suspend\$3 near (ink fluid liquid) adj chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:27
S84	1	S57 and (heater resistor (heater adj element)) same suspend\$3 near (ink fluid liquid) adj chamber.clm.	US-PGPUB	OR	ON	2007/09/27 23:28

## EAST Search History

S85	4	S57 and (heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway).clm.	US-PGPUB	OR	ON	2007/09/27 23:29
S86	0	S62 and (heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway).clm.	US-PGPUB	OR	ON	2007/09/27 23:29
S87	7	S65 and (heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway).clm.	US-PGPUB	OR	ON	2007/09/27 23:29
S88	3	S67 and (heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway).clm.	US-PGPUB	OR	ON	2007/09/27 23:37
S89	1621	347/47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:29
S90	2	S89 and (heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway).clm.	US-PGPUB	OR	ON	2007/09/27 23:37
S91	7	S73 and S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 23:37
S92	803	347/87.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 00:08
S93	0	S73 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 00:08

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	886	338/333.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 11:26
L2	239	(heater resistor (heater adj element)) same suspend\$3 same (ink fluid liquid) adj (chamber path passage channel passageway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 11:29
L3	239	L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 11:29
L4	0	1 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 11:29
L5	162	suspended near beam near (heater resistor (heater near resistor) ((heater heating) near element))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 11:30
L6	0	1 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/28 11:31